

Remarks

Summary: By this Amendment and Response, Applicants elect without traverse Group I claims 1-6 and added claims 33-47 related to Group I. The Title is changed to conform to the pending claims. Corrections are also made to the drawings and specification without adding new matter. Claims 7-32 to non-elected Groups have been canceled, subject to Applicants' right to present such claims in one or more divisional applications. Examination of claims 1-6 and 33-47 on the merits is respectfully requested. The 1 month response due date having been a Sunday, this response is mailed on the next business day, December 20, 2004.

Election: Applicants elect without traverse Group I claims 1-6 and new claims 33-47 related to Group I. Cancellation of claims 7-32 is subject to Applicants reservation of the right to file additional application(s) to the subject matter of the canceled claims.

New Claims: It is respectfully submitted that new claims 33-47 are within Group I. The subject matter of these claims is within the description of Group I as set forth in the requirement for restriction, and sets forth alternate aspects of the flow controller defined in claims 1-6. Therefore, inclusion of claims 33-47 in Group I is respectfully requested.

Further, the new claims are based on the original disclosure, as follows, for example.

Claim 33: Figs. 23B and 23C;

Claims 34, 35, and 47: Figs. 15C, 23A-23C, and the descriptions in paragraphs 97-105, the orientation text is supported by paragraph 107;

Claims 36 and 42: paragraph 116;

Claim 37: paragraph 107 and Figs. 23A-23C;

Claim 38: Fig. 23A;

Claim 39: 23B;

Claim 40: the description of angle a in Fig. 15C;

Claim 41: paragraph 97;

Claim 43: paragraph 117;

Claim 44: Figs. 15B and 16, and the related descriptions of those Figs;

Claim 45: paragraph 96;

Claim 46: Figs. 23B and 23C.

Claim 47: Paragraphs 103-108 in re stability, for example.

Examination of claims 1-6 and 33-47 on the merits is respectfully requested.

Amendments To Drawings: Correction of inadvertent clerical errors and formalization of reference numbers added by hand, are made in the enclosed:

(1) Annotated Marked-Up Drawings, and

(2) Replacement Sheets,

all for Figs. 6, 12C, 15B, 15C, 18, 19, 20B, and 23C. The annotations identify the amendments. In Fig. 6 the addition of arrows HF correspond to arrow HF in Figures 18 and 20A. In Fig. 12C, the corrected reference numbers correspond to Figures 8B and 8I, and identify the channels 206C-3 and 206D-3 resulting from bending the tabs 204C and 204D (paragraph 79). Fig. 15B now refers to flow HFF, conforming to the original disclosure at paragraph 86, lines 21 and 23. Formalization of hand-entered reference

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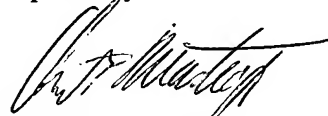
numbers has been done in Figs. 15C (AB), 18 (303 and section line 19), 19 (303), and 20B (202H), and an inadvertent marking that was not part of the drawing has been deleted from Fig. 23C. Entry of these amendments is respectfully requested.

Amendments To Specification: The specification is amended to correct typographical errors, and to make other corrections without adding new matter. Paragraph 1 adds the claim of priority previously set forth in the Transmittal. Paragraphs 17 and 54 correct the references to forces FF and FR. Paragraph 78 corrects typographical errors in re “arrows”, and conforms the description to the facing of arrows in the Figures. Paragraph 79 corrects the word “reaction”. Paragraph 86 corrects HFF and inserts a change (capitalize “T”) made in hand on the filed papers. Paragraph 88 conforms the description of Figure 16 (“perspective”) to the Brief Description of the Drawings. Paragraph 91 conforms the text to Figure 20B in re “HFF”). Paragraph 97 adds a reference to Figure 15C. Paragraph 114 corrects the use of FGTM.

Entry of these amendments is respectfully requested.

In view of the election and amendments, examination of the above-listed claims is respectfully requested.

Respectfully submitted,



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